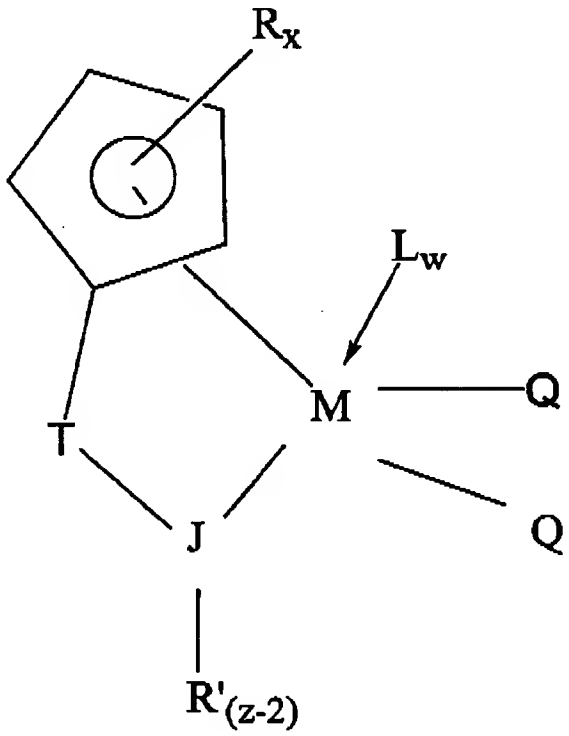
AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF THE CLAIMS:

27. (previously presented)A compound represented by the formula:



wherein M is Hf or Zr in its highest formal oxidation state;

$(C_5H_{4-x}R_X)$ is a cyclopentadienyl ring which is symmetrically substituted with two or four substituent groups R, with "x" denoting the degree of substitution (x = 2 or 4) and each R is, independently, a radical selected from a group consisting of C_1-C_{20} hydrocarbyl radicals, substituted C_1-C_{20} hydrocarbyl radicals wherein one or more hydrogen atoms is replaced by a halogen radical, an amido radical, a phosphido radical,

an alkoxy radical or any other radical containing a Lewis acidic or basic functionality, C_1-C_{20} hydrocarbyl-substituted metalloid radicals wherein the metalloid is selected from the Group IV A of the Periodic Table of Elements, and halogen radicals, amido radicals, phosphido radicals, alkoxy radicals, alkylborido radicals and radicals containing Lewis acidic or basic functionality, or at least two adjacent R-groups are joined forming C_4-C_{20} ring to give a saturated or unsaturated polycyclic cyclopentadienyl ligand;

(JR'_{z-2}) is a heteroatom ligand in which J is an element with a coordination number of three from Group V A or an element with a coordination number of two from Group VI A of the Periodic Table of Elements, and each R' is, independently a radical selected from a group consisting of C_1-C_{20} hydrocarbyl radicals, substituted C_1-C_{20} hydrocarbyl radicals where one or more hydrogen atom is replaced by a halogen radical, an amido radical, a phosphido radical, and alkoxy radical and any other radicals containing a Lewis acidic or basic functionality, and "z" is the coordination number of the element J;

each Q is, independently, any univalent anionic ligand, such as a halide, hydride, or a substituted or unsubstituted C_1-C_{20} hydrocarbyl, alkoxide, aryloxide, amide, arylamide, phosphide or arylphosphide, or both Q together are an alkylidene, or a cyclometallated hydrocarbyl or any divalent anionic chelating ligand;

T is a covalent bridging group containing a Group IV A or V A element; and

L is a neutral Lewis base where "w" denotes a number from 0 to 3.

28. (previously presented)The composition of claim 27 where_T is $Si(R^1)(R^2)$, and wherein R^1 and R^2 are, independently, a C_1 to C_{20} hydrocarbyl radicals, substituted C_1 to C_{20} hydrocarbyl radicals wherein one or more hydrogen atom is replaced by a halogen atom; R^1 and R^2 may also be joined forming a C_3 to C_{20} ring.

29. (previously presented)The compound of claim 27 wherein J is nitrogen.

30. (previously presented)The compound of claim 27wherein R is a C_1 to C_{20} hydrocarbyl radical and R' is a C_11-C_{20} cyclohydrocarbyl radical or an aromatic radical.

31. (previously presented)The compound of claim 27 wherein R' is an alkyl radical or cyclic radical.

32. (previously presented)The compound of claim 27 wherein J-$R'_{(z-2)}$ is cyclododecylamido.